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<b>Effective on 12/08/2004.</b> Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). <b>FEE TRANSMITTAL</b> <b>For FY 2008</b>		<b>Complete if Known</b>	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/507,466-Conf. #1259
<b>TOTAL AMOUNT OF PAYMENT</b>		Filing Date	September 10, 2004
(\$)		First Named Inventor	Marc A. Ostermeier
485.00		Examiner Name	S. L. Chen
		Art Unit	1632
		Attorney Docket No.	56908(71699)

**METHOD OF PAYMENT** (check all that apply)

☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 04-1105 Deposit Account Name: The Johns Hopkins University

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

**FEE CALCULATION**

**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	310	155	510	255	210	105	
Design	210	105	100	50	130	65	
Plant	210	105	310	155	160	80	
Reissue	310	155	510	255	620	310	
Provisional	210	105	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	210	105
Multiple dependent claims	370	185

**Total Claims**    **Extra Claims**    **Fee (\$)**    **Fee Paid (\$)**

0 - 20 = 0 x 50.00 = 0.00

HP = highest number of total claims paid for, if greater than 20.

**Indep. Claims**    **Extra Claims**    **Fee (\$)**    **Fee Paid (\$)**

0 - 3 = 0 x 210.00 = 0.00

HP = highest number of independent claims paid for, if greater than 3.

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$260 (\$130 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)

- 100 = /50 = (round up to a whole number) x =

**4. OTHER FEE(S)**

	Fees Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)	
Other (e.g., late filing surcharge): 2407 Notice of appeal / 2252 Extension of Time	485.00

<b>SUBMITTED BY</b>			
Signature		Registration No. (Attorney/Agent)	53,624
Name (Print/Type)	Jonathan M. Sparks, Ph.D.	Telephone	(617) 517-5543
		Date	November 19, 2007



Application No. (if known): 10/507,466

Attorney Docket No.: 56908(71699)

## Certificate of Express Mailing Under 37 CFR 1.10

I hereby certify that this correspondence is being deposited with the United States Postal Service as Express Mail, Airbill No. EM 054398285 US in an envelope addressed to:

MS AF  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on November 19, 2007  
Date

Signature

Jonathan M. Sparks, Ph.D.

Typed or printed name of person signing Certificate

53,624

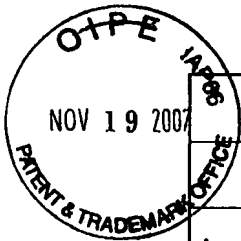
Registration Number, if applicable

(617) 517-5543

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Fee Transmittal (1 page)  
Petition for Extension of Time (1 page)  
Amendment Transmittal (1 page)  
Amendment and Response to Final Office Action (13 pages)  
Notice of Appeal (1 page)  
Charge \$485.00 to deposit account 04-1105

**AMENDMENT TRANSMITTAL LETTER**Docket No.  
56908(71699)Application No.  
10/507,466-Conf. #1259Filing Date  
September 10, 2004Examiner  
S. L. ChenArt Unit  
1632

Applicant(s): Marc A. Ostermeier

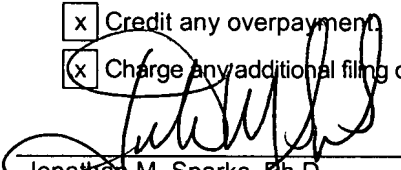
Invention: MOLECULAR SWITCHES AND METHODS FOR MAKING AND USING THE SAME

**TO THE COMMISSIONER FOR PATENTS**

Transmitted herewith is an amendment in the above-identified application.

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	0	- 20 =	0	x 50.00	0.00
Independent Claims	0	- 3 =	0	x 210.00	0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify): Notice of appeal					255.00
<b>TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:</b>					<b>255.00</b>

☐ Large Entity☒ Small Entity☐ No additional fee is required for this amendment.☒ Please charge Deposit Account No. 04-1105 in the amount of \$ 255.00.  
A duplicate copy of this sheet is enclosed.☐ A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Director is hereby authorized to charge and credit Deposit Account No. 04-1105  
as described below. A duplicate copy of this sheet is enclosed.☒ Credit any overpayment.☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.  
Jonathan M. Sparks, Ph.D.

Attorney/Agent Reg. No.: 53,624

Dated: November 19, 2007EDWARDS ANGELL PALMER & DODGE LLP  
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Boston, Massachusetts 02205  
(617) 517-5543